

AMA-CHEWER

Publication Of The Indianapolis Radio Club, Inc.

May 1, 1947

PROGRAMS

- May 2nd Milton E. Gamble, W9WXN of P. R. Mallory Co. will give his talk on Dry Disc Rectifiers. This program was rescheduled from April.
- May 9th Don Brewer of the Esterline Angus Co. will come back to the club with the subject, "Graphic Instruments in the War of Science."
- May 16th Al Huber of the Indiana State Police will speak on Finger Printing and Identification.
- May 23rd R. J. Kryter will present the Atomic Bomb. This meeting originally scheduled in April will be held at the Indiana War Memorial Building, Main Auditorium. Meeting starts at 8:00 P. M. This is an open meeting so bring your friends and the wife.
- May 30th Decoration day. No program scheduled.

With the exception of the program by R. J. Kryter the above meetings will be held at the Northeast Community Center at 3306 East 30th St. (30th St. at LaSalle). Meetings start at 8:00 P.M. Everyone is welcome.

PAST PROGRAMS

During April we had several changes from the original but still the programs were up to the usual standards. The E. I. Dupont Company screened their color pictures on the 11th and many ideas were gained from the showings. On the 18th we heard Earl Springer give one of his humorous talks, this took the place of the program on Dry Rectifiers. On the 25th Birely Whaley explained the operation of the P&L Co. FM radio as used in dispatch work. On the 30th RCA's ham emissary John Reinhertz was in town and talked to the Indiana hams on late tubes and gear. Pop and sandwiches were served after the meeting by courtesy Van Sickle Radio Co.

Programs on the Electron Microscope and watch regulation by the use of electronics have been set back. Your wishes as to future programs and activities during the warm months are wanted by the program committee so that they can be arranged. See or call Ray Forbes the chairman of the program committee so that the ideas can be put into operation.

NEW MEMBERS

During April the following members were voted into the club.

Russell Watson W9AHU
George Phillips W9EMK

Robert Stevens W9ZEE
Walter Todd

We want to welcome these men to the club ranks and to Russel for returning to the ranks. What did we say not so long ago about once a ham always a ham. To these new members, how about bringing another man or two apiece to the club each meeting so that we can continue to grow and spread the good work.

DIRECTORS AND ASSISTANTS

The officers, directors, and assistants are listed below. You can talk or contact any of these representatives of the club to tell them of programs available or programs wanted as well as suggestions concerning the operation of the club.

President	Arnold Dickmeyer, W9JPX, 769 N. Bancroft
Vice Pres.	Robert Caskey, W9DNQ, 2355 Stuart St. (Ed.)
Treas.	William Lueth Jr., W9DSC, 6031 Pleasant Run Blvd.
Secy.	Paul Nelson, W9BHC, 1117 N. Jefferson Ave.
Ch. Opr.	Fred Manning, W9VPN, 4718 Bertha.
Dir.	Arthur Schultz, W9NNX, 908 E. Michigan St.
"	D. J. Angus, W9CYQ, 310 N. Illinois St.
Asst. Dir.	Ray Forbes, W9HNS, 1146 Reid Place (Chairmen program committee)
"	" R. B. Annis, 1101 N. Delaware St.
"	" D. M. Davis, W9JYP, 934 N. Tuxedo St.
"	" Tom Wonnell, W9WQA, 502 East 23rd St.
"	" Earl W. Springer, W9HTB, 2137 N. Rural St.

CLASSIFIED

Any equipment you may have for sale may be listed in AMACHEWER at the rate of \$.25 for each three lines or fraction thereof. Page advertisers apply for rates and conditions of preparation.

PARTS AND EQUIPMENT FOR SALE. In pursuing engineering work we have accumulated a large assortment of parts and equipment which we are liquidating at a fraction of the original cost. Included are: Tubes-transmitting, receiving, special types; speakers- 2 inch to 15 inch, phonograph motors, pickups, transformers, condensers-fixed and variable, resistors, meters, wire, etc. Your inspection invited any weekday evening 7 to 10 P.M. Industrial Development Engineering Associates, 4125 E. 10th St. IRVINGTON 5453

RECEIVER FOR SALE. Hallicrafter "Sky Champion" Model S-20 R in perfect condition, \$45.00. C.C. Newland 2961 N. Chester, CHERRY 2494-W

CLUB STATION

The room set aside for the club station has begun to look finished and it will not be long before operation can begin there. A receiver has been purchased and the transmitters are to be moved in and hence with the erection of an antenna system and the return of the license the station can go on the air. For the finishing touches make yourself available for the work to be done.

SPLATTERING

The following is news gathered during the month and that turned in by the membership at previous meetings.

W9JYP called the editor's attention to an editorial in the April 23rd Indpls News followed by Al Wellman's statement of an article in Time mag. concerning hams. The News item concerned the statement by Brig. Gen. Frank E. Stoner that under a treaty signed by the U.N. with the International Amateur Radio Union that U.N. news would be relayed by hams on a weekly and eventually a daily schedule. In Time the above item appeared and in addition the work done by Texas amateurs in their state during the cyclone and explosion were related. This was a fb article and it is to be regretted that the local newspapers did not carry the news item. which shows the amateur at his best and in the role where he and his skill are put to such good use. Information concerning activities such as these are representative of the worth of the amateur to the nation in time of disaster. Do the local papers realize how many local hams there are as well as the number in the state, the nation, the world.

W9YOT, Otto Walters, has a new harmonic at his house. (The source of this information does not give the handle ((or lack of same)) of the new opr.

W9LWN, Chester Martin's wife is in the Methodist Hospital where she underwent an operation on the 25th. Our best wishes and hope for a speedy recovery.

More of the boys are getting on 2 meters with the army SCR 522's.

Don Davis missed a meeting of the club because of Sinus trouble. "It is a rare occurrence to be at a meeting and not see Don.

W9YOT and W9TEK as well as W9QLU will soon be on 2 meters with 522's.

PNA, HNS recently worked W3UXX/9 on 2 meters. UXX and his wife were returning to Penn. after a motor vacation trip through 39(?) states. He had worked 16 of the states on 2 mtrs during the trip.

W9ZEE worked W3UXX/9 and is putting a new rig on with an 829.

W9NMO, George Neihardt may be leaving town soon. Luck to him.

W9JTY, Max Stout was heard working W9PPI in Sheridan. It seems Max was bragging about getting his KW on the air (Those not acquainted with the rig Max is building are appraised of the fact that he has been working on it for over a year and probably will still be working on it a year from now.) and PPI gave with the fatherly advice that it was advisable to run low power for the First Year before trying to use high power.

JPX suggests: Editor, why not have a column titled, "Did You Know" and then give a short historical fact pertaining to the club. Example-Did you know that the first crystal controlled transmitter in town was W9CLO, Fred Finehout followed by W9CRV, Charles Soltau and then Bill Lueth, W9DSC. In addition to the above did you know that at one time in the distant past that one of our prominent hams and engineers said, (Quote) "The Darn thing won't work" (Unquote) Meaning crystal control. (ED. could my memory fail me when I put my finger on CYQ as being the father of those quoted words above. How about it, want more of the same?)

QRM

Information reaching the club indicates that several interference

(BCI) cases exist. Cooperation is requested with the complaining parties so as to keep the ham record clear. Current QST lists bulletins relating to clearing such interference and a line to them should be of help in trying to clear up the trouble.

INITIATIONS

Fellows are asking for initiation of new members. At the present time this is not possible but some time in the future some form of initiation ceremony can probably be arranged.

PICNIC

The Fort Wayne Radio Club is planning a picnic in conjunction with the Indianapolis Radio Club in June. It is about the time of year when we can all get together often on picnics of our own. YL's and XYL's please take note, by the way, do YL's and XYL's read this?

NETS

A phone net of the Indiana Emergency Net is operating on 3905 KC each Sunday morning at 10:00. If you will report other nets to the editor they will be listed in future copies of AMACHEWER.

ADVERTISING

On the back page of this issue of AMACHEWER you will find the HY-PWR BEAM ROTATOR advertisement. Your support of the advertised products in our monthly paper enables the paper to be self supporting. When you patronize the financiers of our paper be sure to let them know that you as a reader of AMACHEWER appreciate this support.

HELP

Please remember that the editor and program director need your help in keeping the club paper and the club activities interesting. Your help in suggesting programs or sources of programs and other club activities are welcome and solicited as becomes a member of the club. News items and suggestions to make our monthly paper serve better are always in order. Send along your comments or give the word to the editor or program committee chairman in person.

With summer coming before long it should be wise to begin thinking of outings. Outings means that we can have portable outfits and perhaps contests to make it more interesting to build up a nice rig for the work.

The YL and XYL (and some are objecting to the last, know a better handle to apply?) give an evening a week to the club, that is the OM seems to slip out that night to club. How about including them in on our summer activities even more so than in the past. Besides you know it takes them to fill the grub sack up for the fb feeds we have had in the past. Fred Mannings showing of the picnic at Longacre park just before the war certainly bore this statement out. Let's hear from you.

THE HY-FMR BEAM ROTATOR

The HY-FMR rotator consists of a universal ac-dc reversible motor which operates on 24 volts or LESS; a 7093 to 1 reduction gear box; limit switches, and electric clutch. It has more than enough torque to easily handle a dual beam of the ten-twenty variety or even more if so desired.

The motor can be operated from the 110 vac line by using a step down transformer. Two ten volt filament windings in series are ideal for this purpose. Forward and reverse direction leads are brought out ready for connection. The unit creates negligible noise in the receiver which does not interfere with reception.

The gear box is removable from the motor and may be used with any other motor you might desire. Main features of the gear box are the two sets of planetary gears, and cam operated limit switches which may be set to give any desired amount of rotation, or removed for unlimited rotation.

With 24 vac on the motor the beam will rotate slightly over $3/4$ RPM. By removing one set of gears you can get speeds from 5 to $2\frac{1}{2}$ RPM by varying the input voltage from 24 v to 12 v. With this set of gears out there is more than sufficient torque to operate any type of array. However, we recommend that 18 v. be the minimum used if you have a dual beam.

Mount the HY-FMR rotator at the top of your mast and rotate your arrays. Or locate it at the base and rotate the entire mast as well as the arrays. This latter method has the advantage of keeping the RF field at a greater distance from the AC line.

We have not attempted to give specific means of mounting, connection, etc. as many different means can be used equally well. We will be glad to discuss or demonstrate these with you.

The HY-FMR BEAM ROTATOR is \$15.00 fob Indianapolis. If you are interested in getting the rotator complete with transformer, mounting plates, or additional accessories send us your details and we will quote you a price that is unbeatable.

THE HY-FMR BEAM ROTATOR ---- 2837 STATION STREET INDIANAPOLIS 18, INDIANA

932KP -- CH 4526

99HCH -- CH 5994 R

W9EJH -- CA 3196

W9DKK -- CH 4256